

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

20-12-83

21 749wO

PUBLICATION NUMBER : 58219250
PUBLICATION DATE : 20-12-83

R₃

APPLICATION DATE : 14-06-82
APPLICATION NUMBER : 57101890

APPLICANT : MITSUBISHI MONSANTO CHEM CO;

INVENTOR : YONEKAWA SHUNICHI;

INT.CL. : C08L 27/06 C08L 23/16 C08L 23/28 C08L 33/08 C08L 71/02 C08L 75/04

TITLE : VINYL CHLORIDE RESIN COMPOSITION

ABSTRACT : PURPOSE: To prepare a composition crosslinkable easily with heat, and giving a molded article having high flexibility and improved thermal resistance without using a plasticizer, by compounding a specific vinyl chloride polymer with an elastomer selected from polyurethanes, etc.

CONSTITUTION: A vinyl chloride polymer containing peroxide group at the branched chain, is compounded with an elastomer selected from polyurethane, chlorinated polyethylene, ethylene-vinyl acetate copolymer, ethylene-propylene copolymer, acrylate polymer, and epichlorohydrin rubber. The vinyl chloride polymer is preferably a polymer derived from vinyl chloride monomer and t- butyl peroxyallylcarbonate, etc. at a weight ratio of 98/2-60/40. The compounding of the polymer with the elastomer is preferably carried out at 100-130°C, and the obtained composition can be extruded at 190-200°C.

COPYRIGHT: (C)1983,JPO&Japio